

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086367.D
 Acq On : 23 Apr 2016 3:23
 Operator : UM/SJ
 Sample : PB89989BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BL

Quant Time: Apr 23 03:50:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

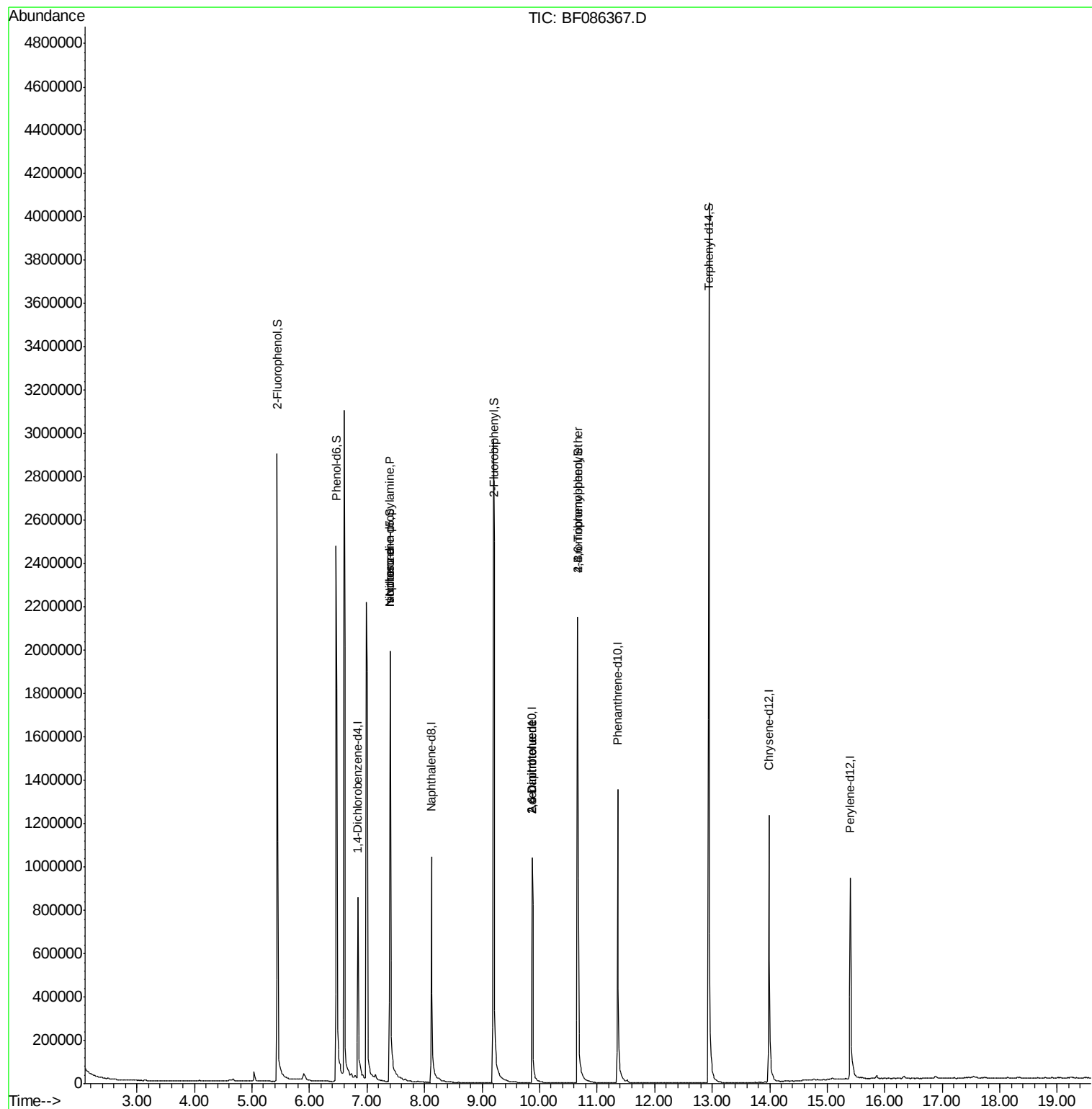
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	169950	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	715953	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	331965	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	693368	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	608190	20.00	ng	-0.01
86) Perylene-d12	15.40	264	530256	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1072854	109.02	ng	0.01
7) Phenol-d6	6.46	99	1492476	111.56	ng	-0.01
23) Nitrobenzene-d5	7.40	82	908956	75.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	350857	116.76	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1649747	84.81	ng	0.00
78) Terphenyl-d14	12.95	244	1578334	64.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	116396	14.56	ng	# 80
25) Isophorone	7.40	82	897669	37.90	ng	# 68
50) 2,6-Dinitrotoluene	9.87	165	38436	7.42	ng	# 20
56) 2,4-Dinitrotoluene	9.87	165	41028	5.96	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	21097	3.11	ng	# 1

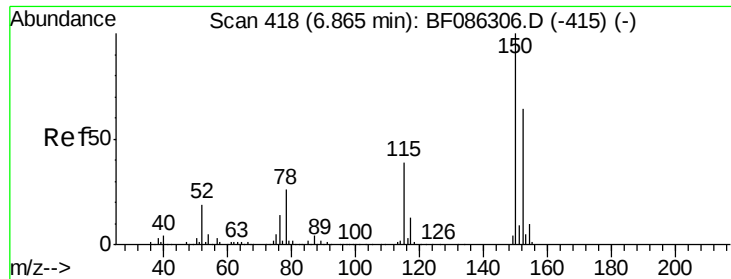
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

Instrument :

BNA_F

ClientSampleId :

PB89989BL

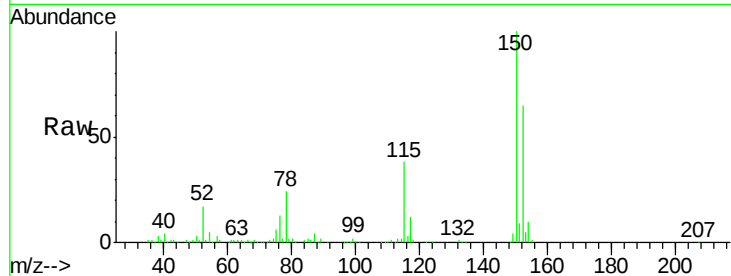
Tgt Ion:152 Resp: 169950

Ion Ratio Lower Upper

152 100

150 154.0 125.8 188.6

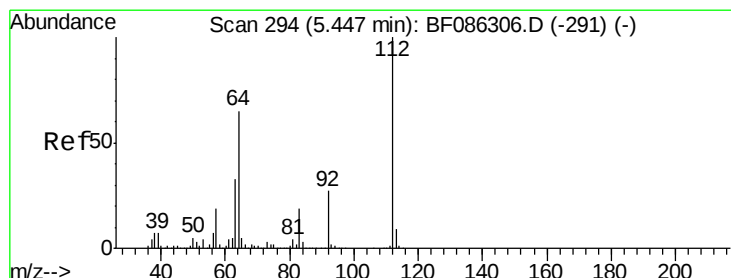
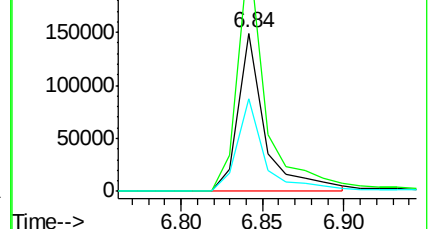
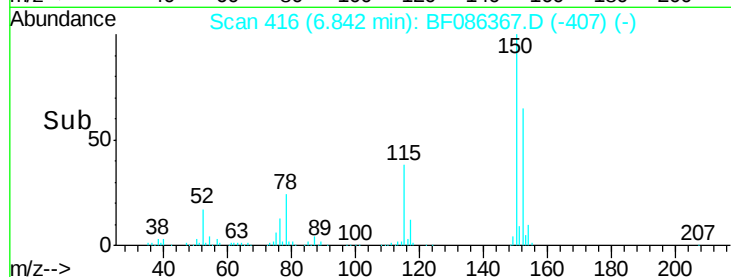
115 58.5 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 109.02 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

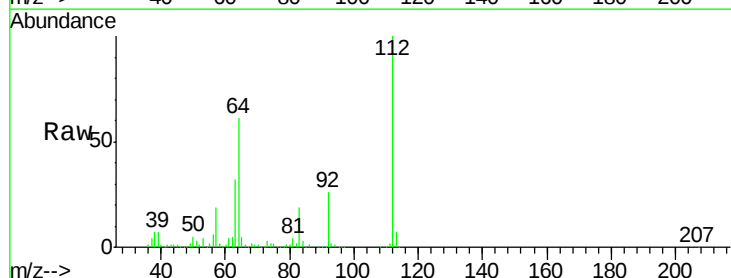
Tgt Ion:112 Resp: 1072854

Ion Ratio Lower Upper

112 100

64 61.5 52.1 78.1

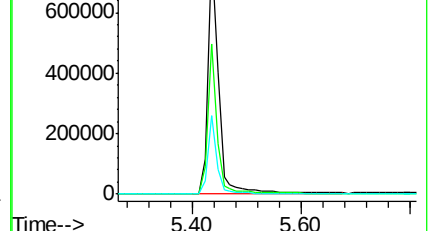
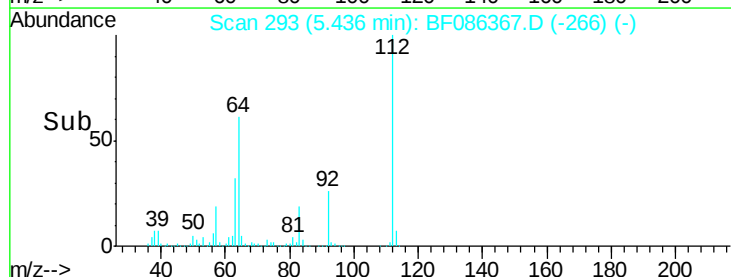
63 32.3 25.7 38.5

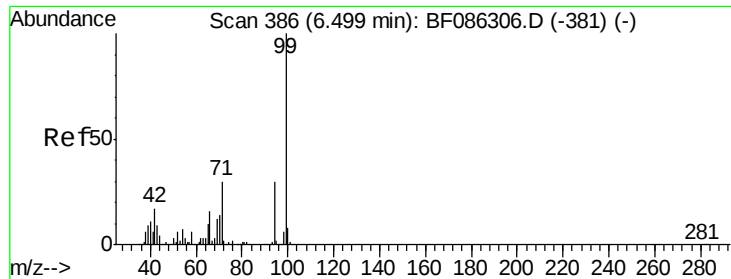


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.56 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

Instrument :

BNA_F

ClientSampleId :

PB89989BL

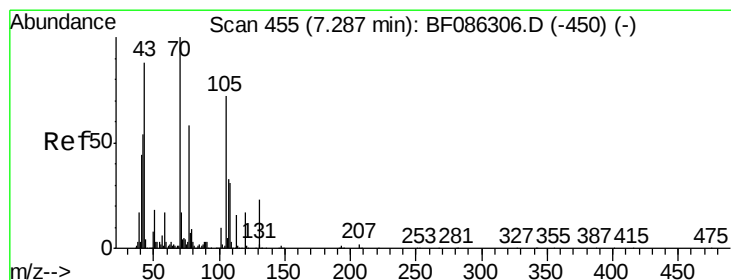
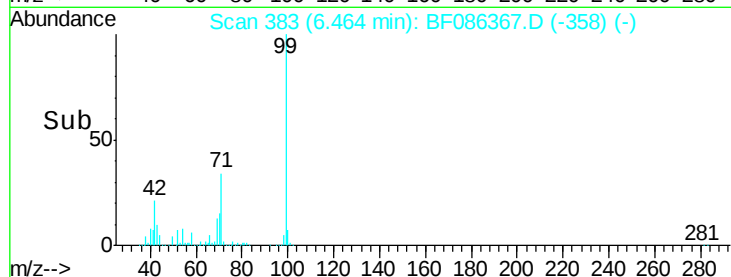
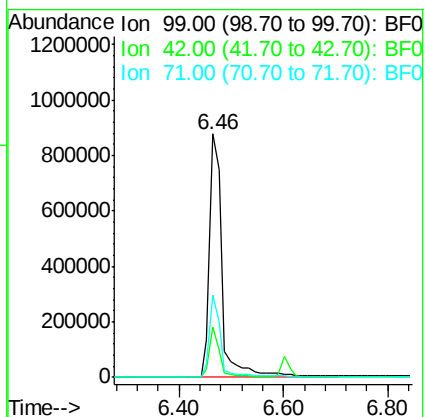
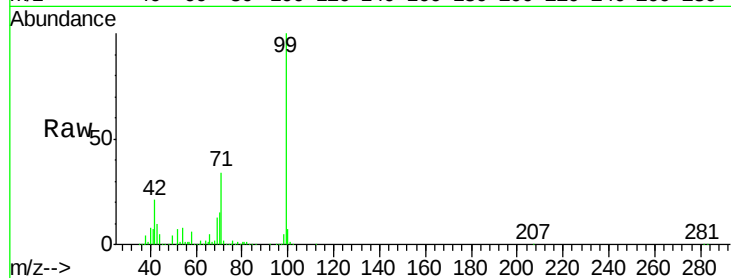
Tgt Ion: 99 Resp: 1492476

Ion Ratio Lower Upper

99 100

42 20.6 13.6 20.4#

71 33.6 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 14.56 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.14 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

Tgt Ion: 70 Resp: 116396

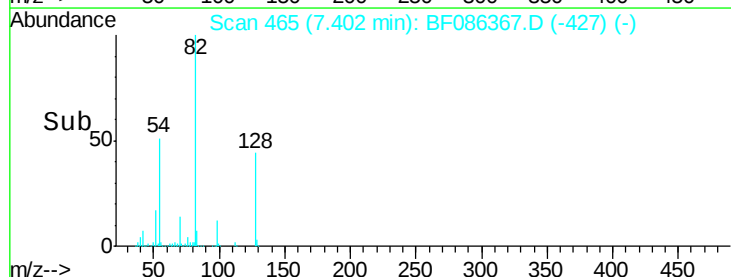
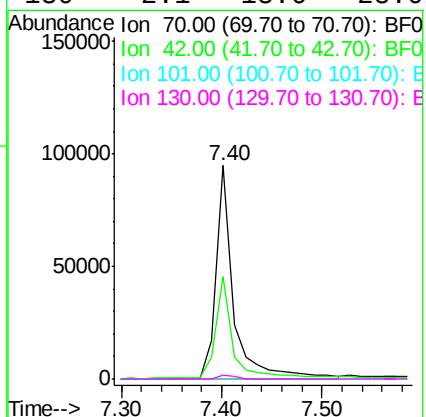
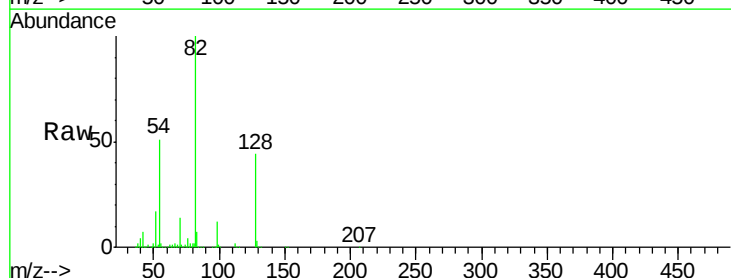
Ion Ratio Lower Upper

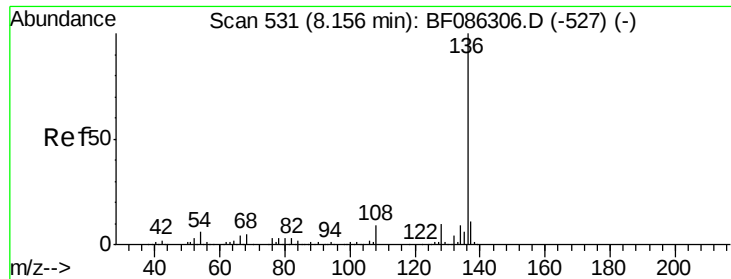
70 100

42 47.9 43.1 64.7

101 0.0 8.1 12.1#

130 2.1 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

Instrument :

BNA_F

ClientSampleId :

PB89989BL

Tgt Ion:136 Resp: 715953

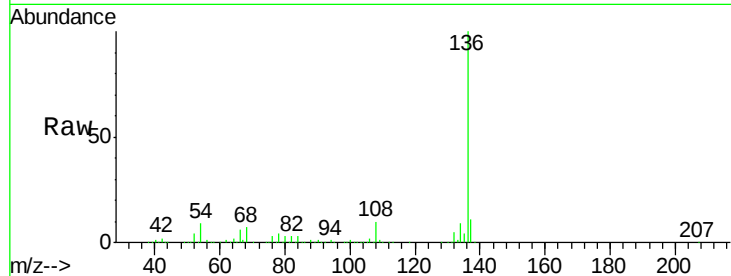
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.5 5.0 7.4#

68 7.1 4.4 6.6#

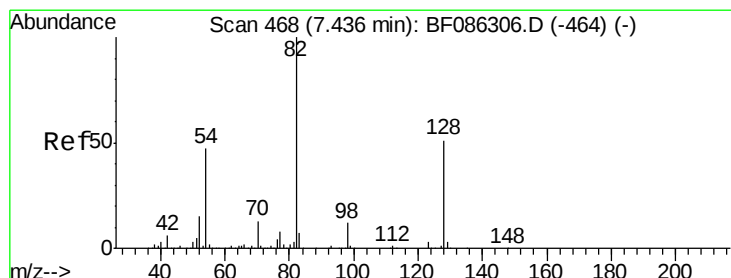
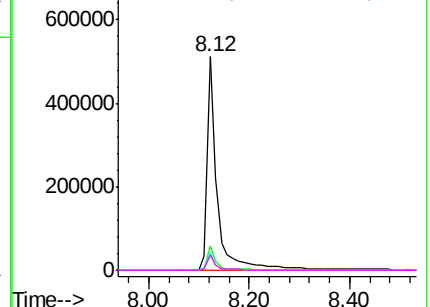
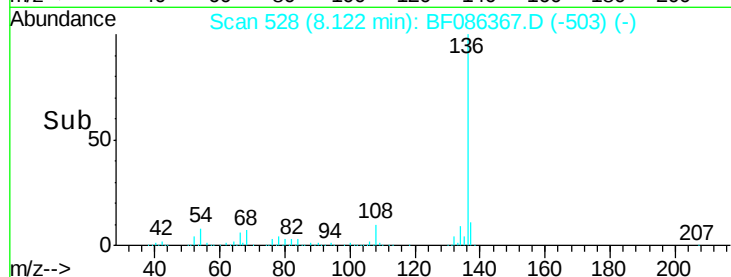


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 75.21 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

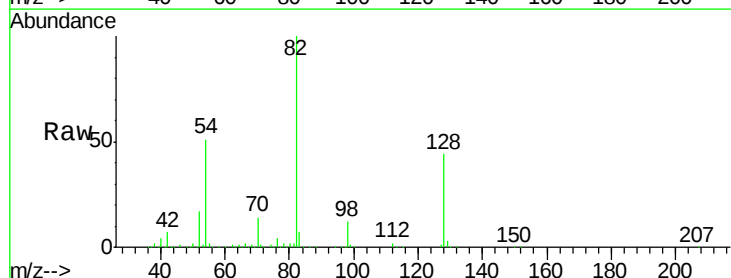
Tgt Ion: 82 Resp: 908956

Ion Ratio Lower Upper

82 100

128 43.7 40.6 61.0

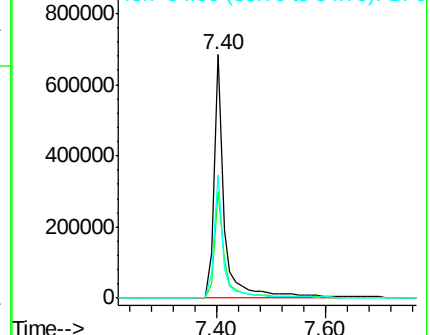
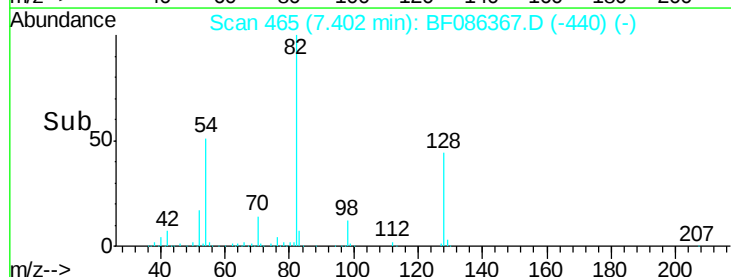
54 50.7 38.1 57.1

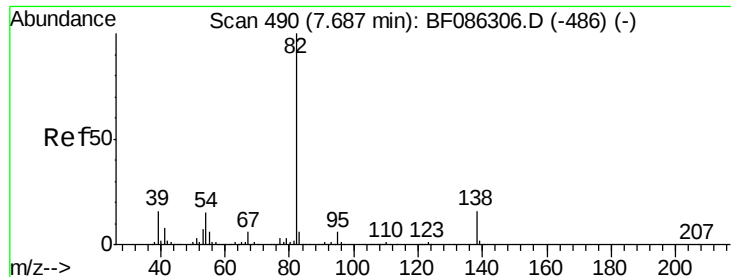


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.90 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

Instrument :

BNA_F

ClientSampleId :

PB89989BL

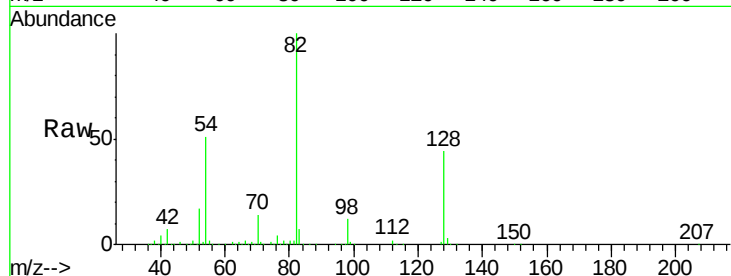
Tgt Ion: 82 Resp: 897669

Ion Ratio Lower Upper

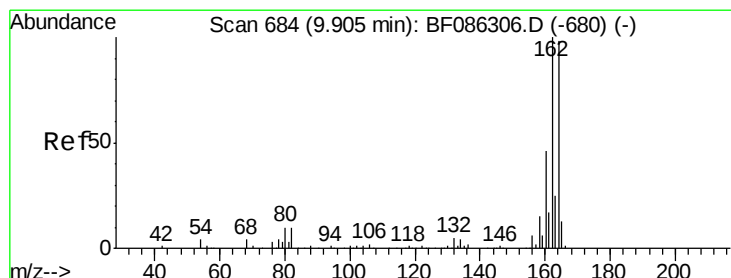
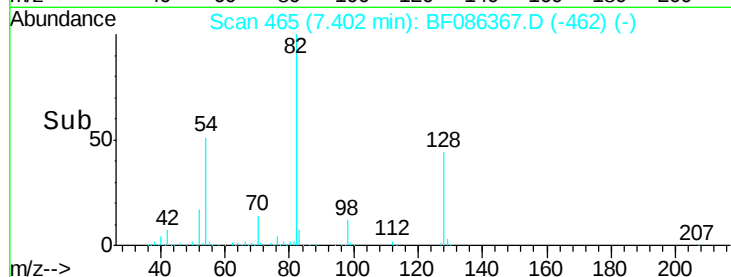
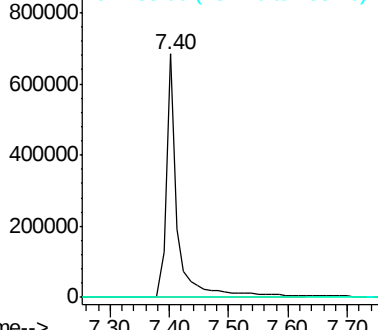
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

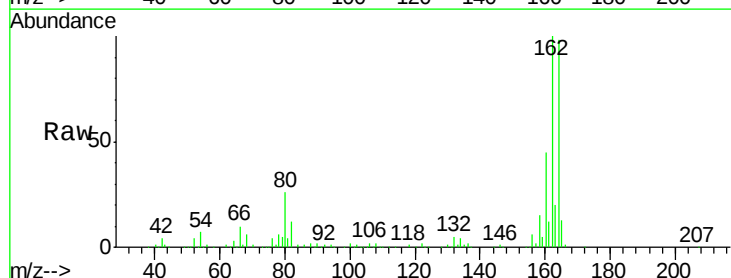
Tgt Ion: 164 Resp: 331965

Ion Ratio Lower Upper

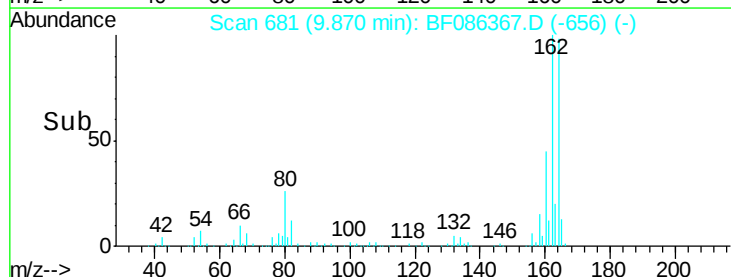
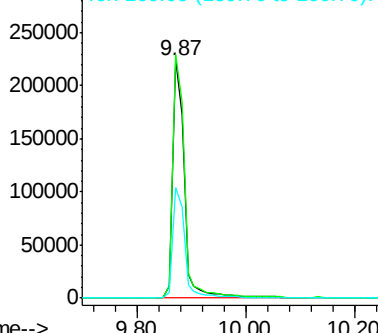
164 100

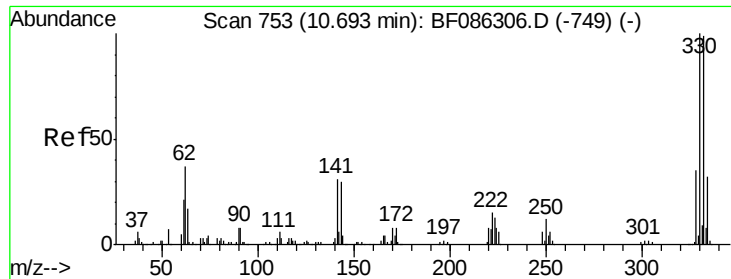
162 102.1 82.8 124.2

160 46.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

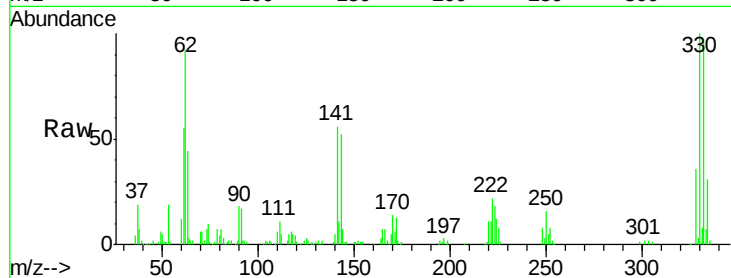




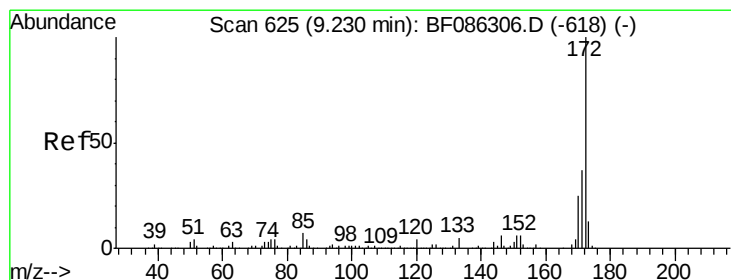
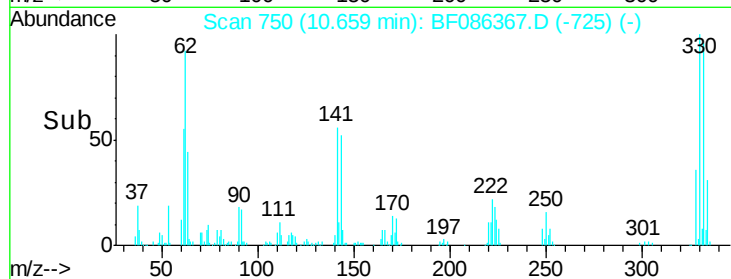
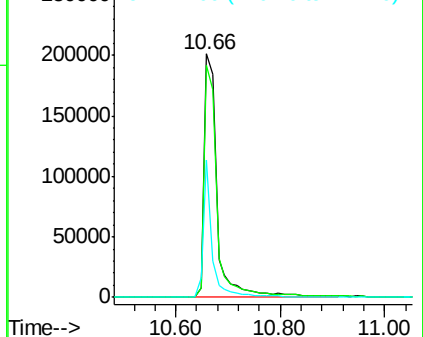
#41
 2,4,6-Tribromophenol
 Concen: 116.76 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF086367.D
 Acq: 23 Apr 2016 3:23

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BL

Tgt Ion:330 Resp: 350857
 Ion Ratio Lower Upper
 330 100
 332 94.9 79.0 118.4
 141 39.0 31.2 46.8

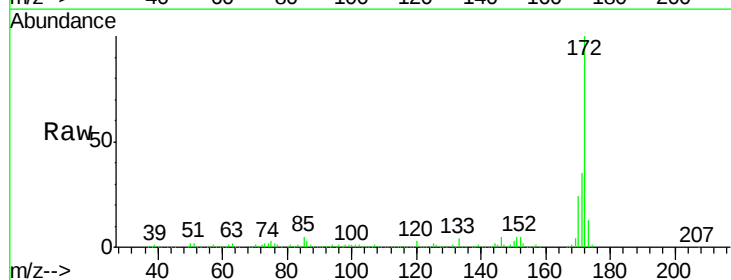


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

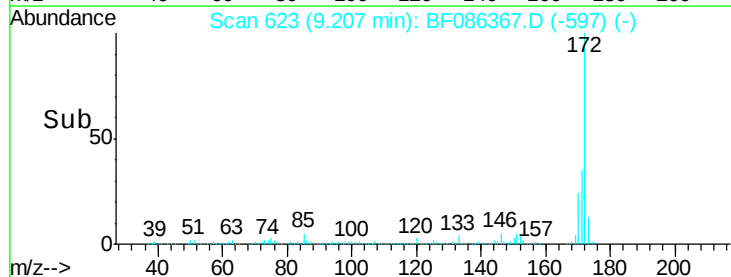
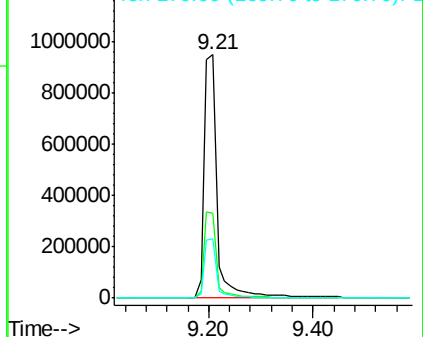


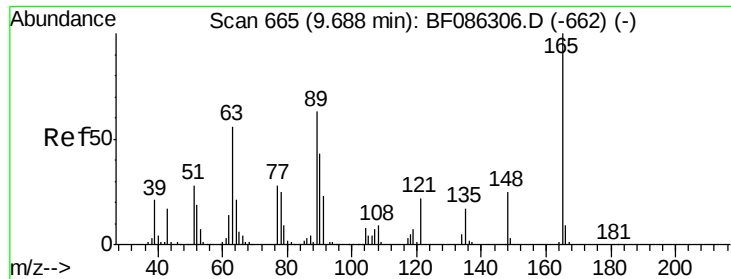
#44
 2-Fluorobiphenyl
 Concen: 84.81 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086367.D
 Acq: 23 Apr 2016 3:23

Tgt Ion:172 Resp: 1649747
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.6
 170 24.1 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

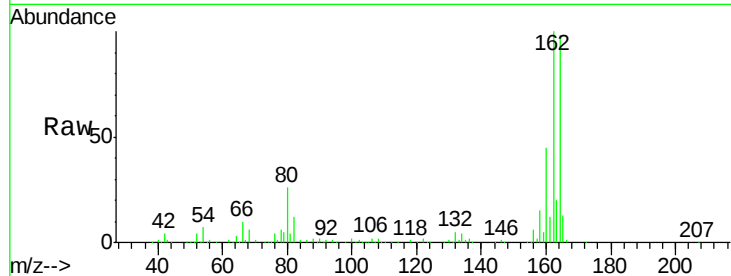




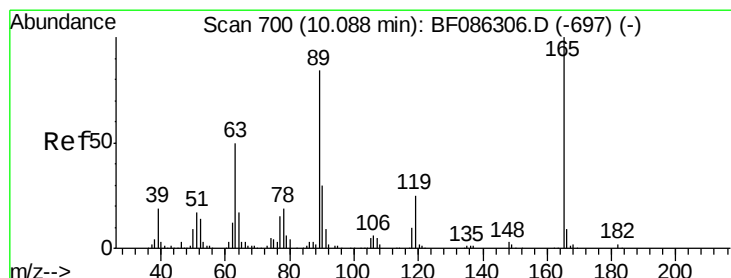
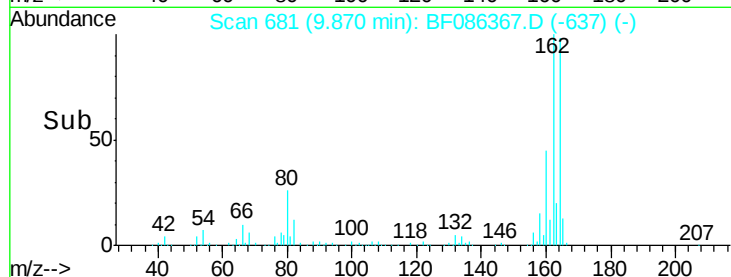
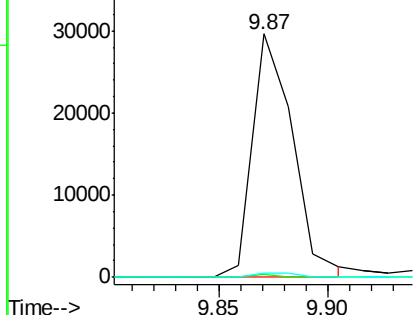
#50
 2,6-Dinitrotoluene
 Concen: 7.42 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF086367.D
 Acq: 23 Apr 2016 3:23

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BL

Tgt Ion:165 Resp: 38436
 Ion Ratio Lower Upper
 165 100
 63 1.3 51.8 77.8#
 89 1.7 50.7 76.1#

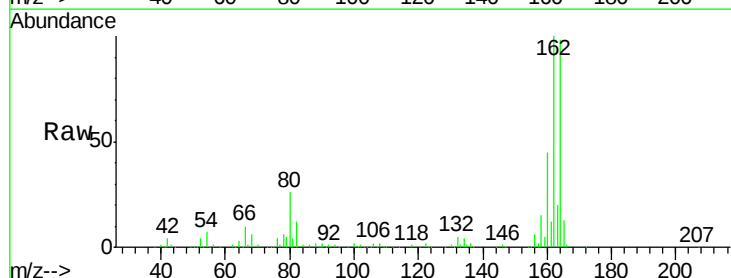


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

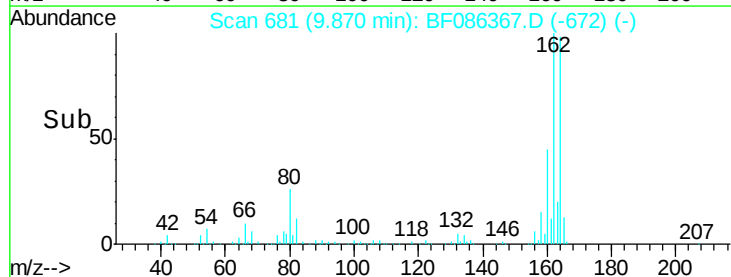
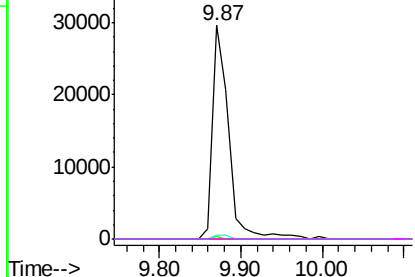


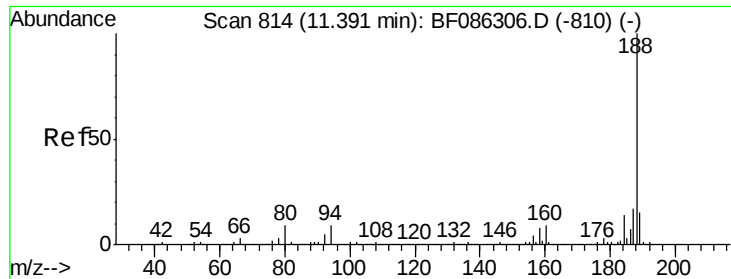
#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF086367.D
 Acq: 23 Apr 2016 3:23

Tgt Ion:165 Resp: 41028
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.3 66.5#
 89 1.7 70.0 105.0#
 182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

Instrument :

BNA_F

ClientSampleId :

PB89989BL

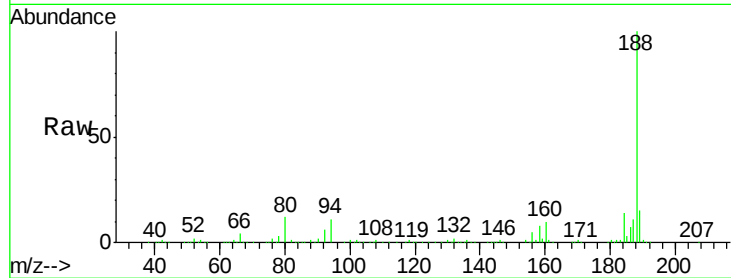
Tgt Ion:188 Resp: 693368

Ion Ratio Lower Upper

188 100

94 10.9 6.8 10.2#

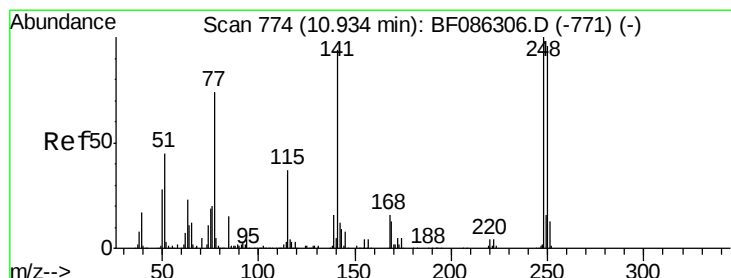
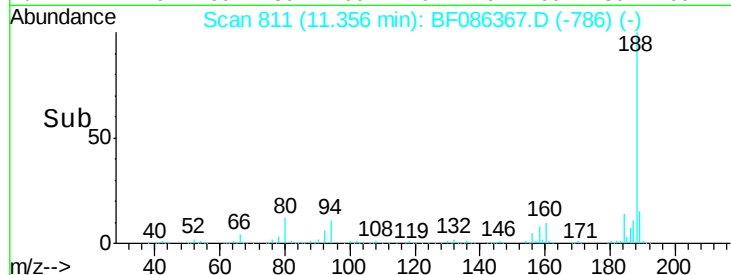
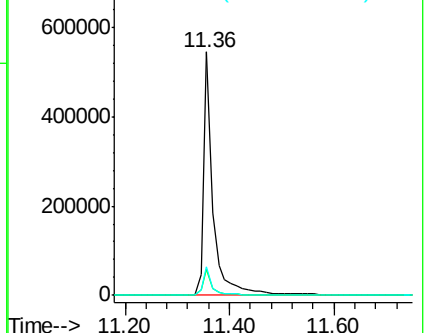
80 11.7 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 3.11 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.25 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

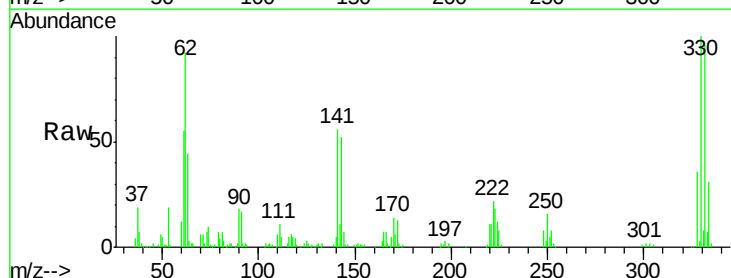
Tgt Ion:248 Resp: 21097

Ion Ratio Lower Upper

248 100

250 202.3 78.6 117.8#

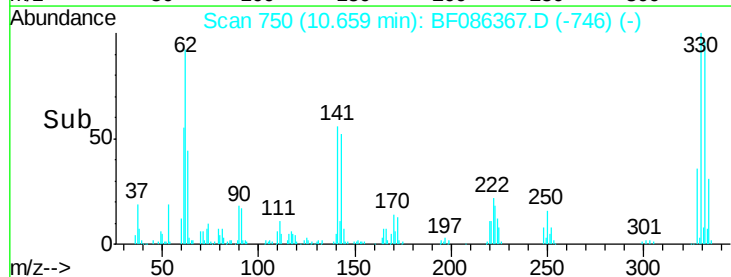
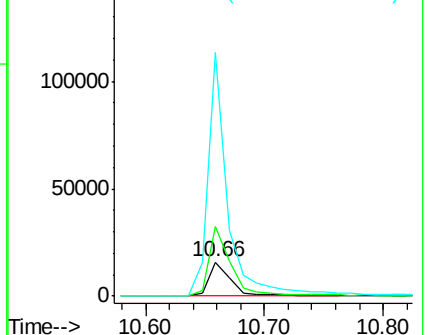
141 714.4 76.0 114.0#

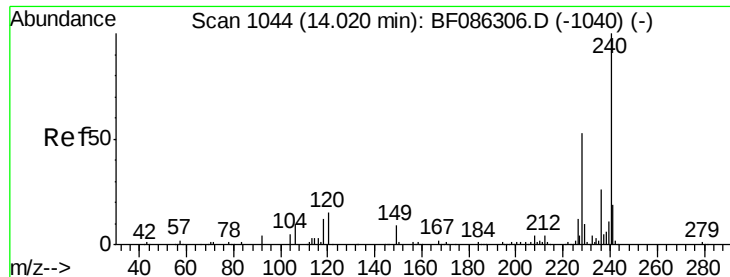


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

Instrument :

BNA_F

ClientSampleId :

PB89989BL

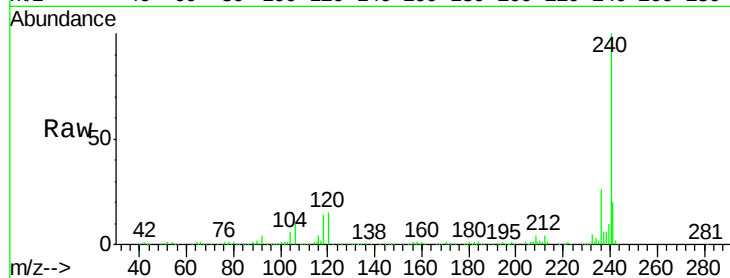
Tgt Ion:240 Resp: 608190

Ion Ratio Lower Upper

240 100

120 15.5 11.2 16.8

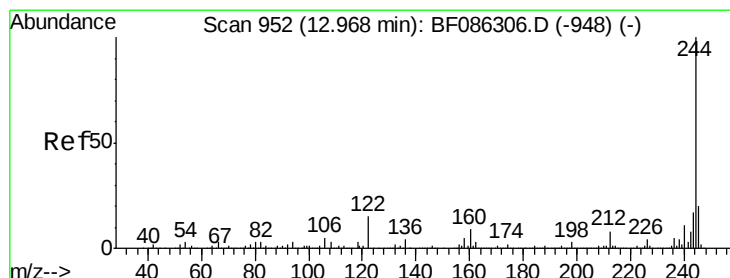
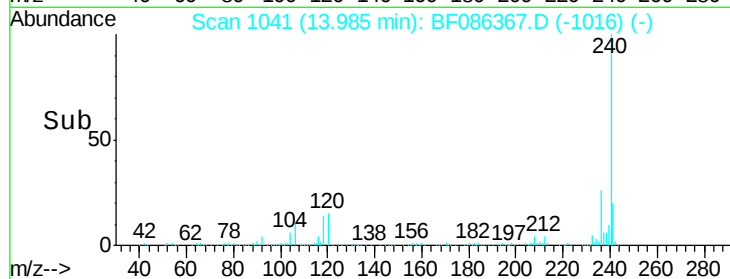
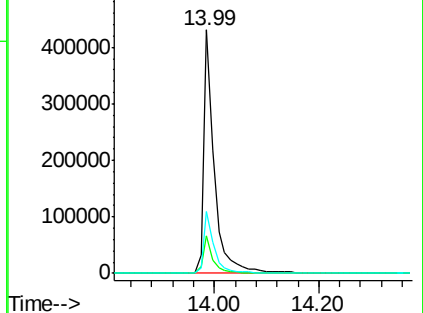
236 25.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 64.48 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086367.D

Acq: 23 Apr 2016 3:23

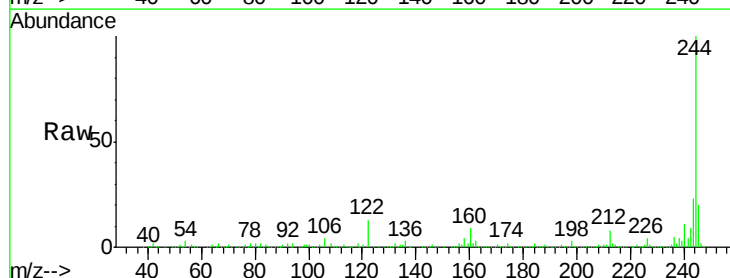
Tgt Ion:244 Resp: 1578334

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

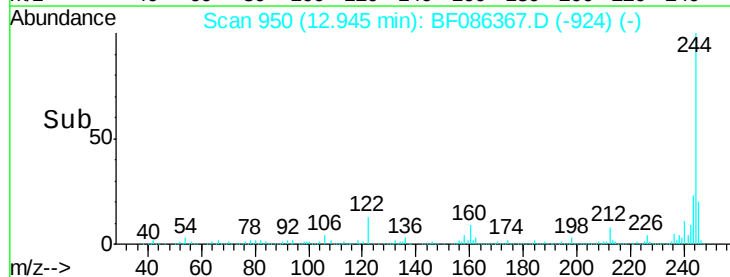
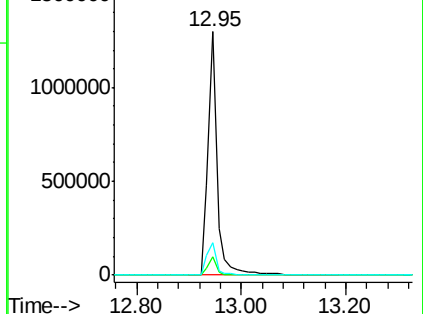
122 13.2 12.0 18.0

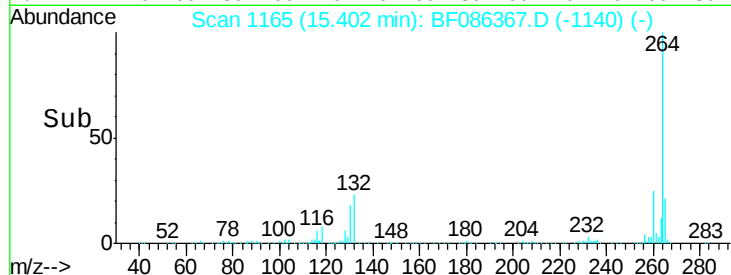
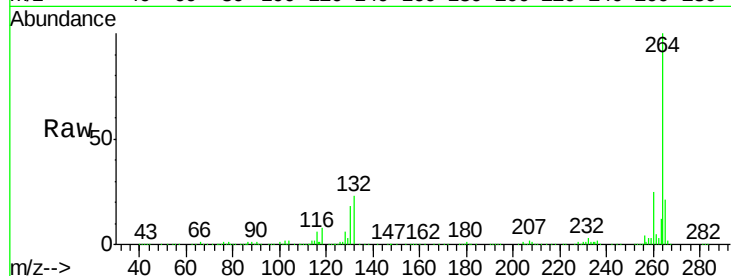
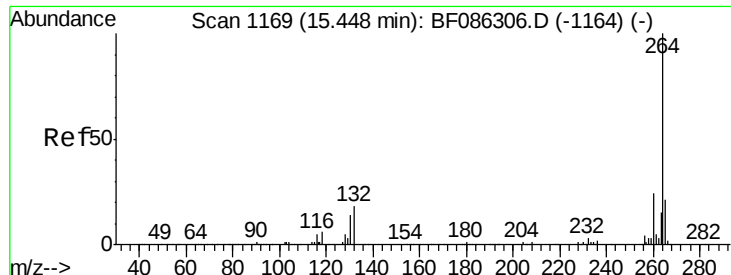


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086367.D
Acq: 23 Apr 2016 3:23

Instrument :
BNA_F
ClientSampleId :
PB89989BL

Tgt Ion:	264	Resp:	530256
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.1	17.3	25.9

